

```
#!/bin/bash

#####
#
#           Keychain pass sync script
#
#           .____.
#           {o,o}
#           /)__)
#           _"_"_
#
#           natahori.wordpress.com, 2013
#
#####

#####Config-Part#####
Config() {
    HOME=`cd && pwd`
    MYNAME=`whoami`
    OLDPASS=''
    NEWPASS=''
}

#####Passwortabfrage#####
get_new_Password() {
    NEWPASS=$(osascript<<-EOT
        tell application "Finder"
            activate
            set TMP to text returned of (display dialog "Bitte geben Sie ihr aktuelles Kennwort für den Benutzer $MYNAME ein" with
                title "Passwortwechsel" default answer "" with icon 0 with hidden answer buttons {"OK"} default button "OK" )
        end tell
    EOT)

    if [ "$NEWPASS" == "" ]
    then
        echo "Password was empty"
        get_new_Password
    fi
}

#####
#If you are bound to an AD you can check here if the entered password is correct. For that you have to paste the name of the domain
```

```
in the <Domain Name> section below (without the "<>"!
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```
#####
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```
# PWTEST=`dscl /Active\ Directory/<Domain Name>/All\ Domains authonly $MYNAME $NEWPASS`
# if [ $? -ne 0 ]
# then
#     osascript<<-EOT
#         tell application "Finder"
#             activate
#             display dialog "Das Passwort war leider falsch. Bitte das neue Passwort eingeben." with title "Falsches Passwort"
buttons {"OK"} default button "OK"
#         end tell
#     EOT
#     echo "Password was wrong"
#     get_new_Password
# fi
}
```

```
#####Passwortabfrage#####
```

```
get_old_Password() {
    OLDPASS=$(osascript<<-EOT
        tell application "Finder"
            activate
            set TMP to text returned of (display dialog "Bitte geben Sie ihr ALTES Kennwort für den Benutzer $MYNAME ein" with title
"Passwortwechsel" default answer "" with icon 0 with hidden answer buttons {"OK"} default button "OK" )
        end tell
    EOT)
}
```

```
####Display warning Dialog###
```

```
warning() {
osascript<<-EOT
    tell application "Finder"
        activate
        display dialog "Achtung: Im nächsten Schritt bitte das Kennwort eingeben, welches Sie VOR dem Passwortwechsel benutzt
haben" with title "Achtung" with icon 0 buttons {"OK"} default button "OK"
    end tell
EOT
}
```

```

###check keychain lock###
keychainLock () {
    security unlock-keychain -p "t"
    echo $?
}

###set Keychain password###
setKeychainPass () {
    security unlock-keychain -p $OLDPASS ~/Library/Keychains/login.keychain
    if [ $? -ne 0 ]
    then
        osascript <<-FOA
        tell application "Finder"
            activate
            display dialog "Sorry, das ALTE Kennwort welches Sie eingegeben haben stimmt leider nicht. Bitte geben Sie das ein,
            mit welchem Sie sich früher eingeloggt haben" with title "Achtung" with icon 0 buttons ("OK") default button "OK"
            end tell
        EOT
        get_old_Password
        setKeychainPass
    fi
    security set-keychain-password -o $OLDPASS -p $NEWPASS ~/Library/Keychains/login.keychain
    security unlock-keychain -p $NEWPASS ~/Library/Keychains/login.keychain
}

###r-part###
detectedR () {
    get_new_Password
    modify_Keychain
}

#####
#####Main-Part#####

if [ "$1" = "-r" ]

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```
then
    detectedR
    echo "-r value detected"
fi
```

```
RESULT=$( keychainLock )
echo $RESULT
if [ $RESULT -ne 0 ]
then
    echo "Was not able to unlock keychain. Get new password"
    get_new_Password
    warning
    get_old_Password
    setKeychainPass
else
    echo "Password is in sync"
fi
```

```
NEWPASS=''
OLDPASS=''
killall Terminal
```